

## ABSTRACT OF THE DISCLOSURE

A radial bearing disposed between transmission parts moving in opposition to one another at different speed, includes an inner sleeve for attachment to one transmission part and an outer sleeve; for attachment to another transmission part. Disposed between the inner sleeve and the outer sleeve is a plurality of rolling bodies. At least one of the inner sleeve and the outer sleeve is provided with a coating which contains ZnNi or ZNFe and is applied galvanically onto the inner sleeve and/or outer sleeve before attachment to the respective transmission part.